

Pentapharm® BlisterPro™

Would you like to avoid expensive production line trials and tooling costs when designing or evaluating blister packs for your pharmaceutical products? With kp's Pentapharm® BlisterPro™ software you can. This innovative program helps package engineers design optimal blisters for every product shape and barrier requirement, mapping out a range of options for both thermoformed cavity and machine layout. By exploring the effects of tool geometry, film types, and process conditions before running actual experiments, kp can save you time and money.

Integrated with the other existing capabilities of kp's Package Development Center, Pentapharm® BlisterPro™ can improve the film selection process and provide engineering support services to help with all your requirements.

Objectives:

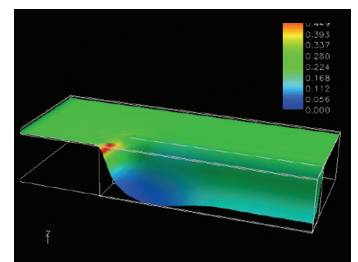
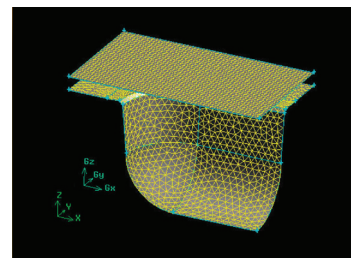
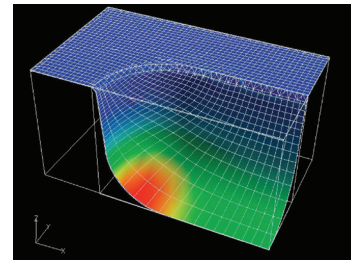
- Finite element analysis for blister pack thermoforming
- Permeability, film-thickness & surface-area prediction of thermoformed cavities
- 3-D simulations backed by experimental results
- Outline process parameters prior to conducting experiments
- Understand "cause & effect"
- Address blister design/barrier constraints
- Tool designs for optimal barrier performance
- Estimate shelf life of products in blisters

Benefits:

- Avoid expensive production line trials
- Prevent costly tooling expenditures
- Avoid design pitfalls
- Excellent accuracy of blister MVTR prediction
- Develop blister packages by design

Applications:

- New package design
- Evaluate existing package design
- Troubleshooting
- Determine ideal forming process (pressure versus plug-assisted)
- Stability & production tool designs



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